

LAW OFFICES  
**GREENBLUM & BERNSTEIN, P.L.C.**  
 PATENT, COPYRIGHT AND TRADEMARK CAUSES  
 1960 ROLAND CLARKE PLACE  
 RESTON, VA 20191  
 TEL: (703) 716-1191  
 FAX: (703) 716-1190  
 EMAIL: gbpattent@gbpattent.com

NEIL F. GREENBLUM  
 BRUCE H. BERNSTEIN  
 JAMES L. ROWLAND  
 ARNOLD TURK  
 MICHAEL J. RINK  
 STEVEN WEGMAN\*  
 LESLIE J. PAPERNER\*  
 WILLIAM FIEPRZ\*  
 STEPHEN M. ROYLANCE  
 ROBERT W. MURLAGER  
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 JOHN V. MAZZOLAO  
 CAITLIN L. HOMMEDIEU

TECHNICAL ADVISORS:  
 TU ANH PHAN, PH.D.  
 KATRIN VENTER, PH.D.  
 JOHN HILTEN

\*ADMITTED TO A BAR  
 OTHER THAN VA  
 \*EUROPEAN PATENT AGENT  
 \*KOREAN PATENT AGENT  
 \*REGISTERED PATENT AGENT  
 \*OF COUNSEL

**FACSIMILE COVER LETTER**

\*\*\*\*\*

From: GREENBLUM & BERNSTEIN, P.L.C.

Date: July 9, 2003

To: U.S. Patent and Trademark Office

Attn: Examiner Pankaj Kumar - Art Unit 2631

File No.: U.S. Application No. 09/473,683; Our Ref: P18062

Telefax Number: (703)-746-8307

TOTAL NUMBER OF PAGES, INCLUDING COVER LETTER: 10

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\*\*\*\*\***CONFIDENTIALITY NOTE**\*\*\*\*\*

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Examiner Kumar:

Further to our phone conversation on July 8, 2003 for the above-captioned application, please find attached a copy of the Supplemental Information Disclosure Statement, along with their associated PTO-1449 Forms and date-stamped filing receipts, that were filed with the U.S. Patent and Trademark Office on November 2, 2000 and September 10, 2001, respectively.

Please note that copies of the cited documents are not attached, as you indicated that you can obtain the documents yourself.

Please contact me at 703-716-1191 to confirm receipt of these materials, and to update the status of the application.

Best regards.

Steve Wegman

GREENBLUM & BERNSTEIN  
 Intellectual Property Agents  
 1441 Roland Clarke Plaza  
 Reston, VA 20191  
 (703) 716-1191

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9/10/2001

File in: Multimedia

The Patent Office Date stamp hereon is an acknowledgement that, on the date indicated, the Patent Office received the following:

- |                                                                                    |                                                                            |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| <input type="checkbox"/> Amendment                                                 | <input type="checkbox"/> Claim of Priority & Certified Copy of             |
| <input type="checkbox"/> Executed Assignment and cover letter                      |                                                                            |
| <input type="checkbox"/> by facsimile                                              |                                                                            |
| <input type="checkbox"/> Executed S.E.S. <input type="checkbox"/> S.E.S. Assertion | <input type="checkbox"/> Declaration <input type="checkbox"/> Supplemental |
| <input type="checkbox"/> Req. for Ext. of Time                                     | <input type="checkbox"/> New <input type="checkbox"/> Unexecuted           |
| <input type="checkbox"/> Fee Filing                                                | <input type="checkbox"/> Executed by facsimile                             |
| Recording                                                                          |                                                                            |
| Issue                                                                              |                                                                            |
| Extension                                                                          |                                                                            |
| <input type="checkbox"/> Fee Transmittal                                           | <input type="checkbox"/> Transmittal Letter                                |
| <input type="checkbox"/> Maintenance Fee Payment                                   | <input type="checkbox"/> Patent Application                                |
| <input type="checkbox"/> PTOL-85B Issue Fee                                        | <input type="checkbox"/> Provisional <input type="checkbox"/> Reexam       |
| <input type="checkbox"/> Letter to Draftsman                                       | <input type="checkbox"/> Reissue <input type="checkbox"/> Design           |
| <input type="checkbox"/> Design Patent Application Transmittal                     | <input type="checkbox"/> Continuation <input type="checkbox"/> CIP         |
| <input type="checkbox"/> Utility Patent Application Transmittal                    | pages (w/abstract)                                                         |
| <input type="checkbox"/> Provisional Application Cover Sheet                       | claims independent                                                         |
| <input type="checkbox"/> Continued Prosecution Application                         | sheets of drawings                                                         |
| (CPA) Request Transmittal                                                          | <input checked="" type="checkbox"/> I.D.S. form PTO-1447                   |
| <input type="checkbox"/> Request for Continued Examination (RCE)                   | References <input type="checkbox"/> as attached                            |
| including Submission                                                               | <input type="checkbox"/> as listed on reverse                              |
| <input type="checkbox"/> Cover Letter                                              | <input type="checkbox"/> One self-addressed postcard                       |
| <input type="checkbox"/> Check No. for \$                                          | <input type="checkbox"/> Certification under 1.97(e)                       |
| <input type="checkbox"/> Rule 53b and 53f Letter for                               | <input type="checkbox"/> Certificate of Mailing (C-O-M)                    |
| Unexecuted Application                                                             | <input type="checkbox"/> Returned Envelope                                 |
- in copy of Australian written opinion (mtd 7/17/01)*



In the matter of : ACTIVATION OF MULTIPLE XDSL MODEMS WITH HALF AND A FULL DUPLEX PROCEDURES

Applicant : Stephen PALM

Application No. : 09/473,433

Filed : 12/29/1999

Patent No. :

Issued :

Class : P180b2

 **COPY**

P18062.A08

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Stephen Palm

Group Art Unit: 2739

Appl. No. : 09/473,683

Examiner: Not Yet Assigned

Filed : December 29, 1999

For : ACTIVATION OF MULTIPLE xDSL MODEMS WITH HALF DUPLEX  
PROCEDURES

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents  
Washington, DC 20231

Sir:

In accordance with the duty of disclosure under C.F.R. §1.56, §1.97-1.98, Applicant hereby calls the following document to the Examiner's attention:

A copy of an Australian Written Opinion mailed on July 17, 2001 with respect to related Application No. SG 0003733-3 is enclosed, in which the following documents are cited:

U.S. Patent No. 4,897,831 to NEGI et al., entitled "Data Transmission/Reception Apparatus", which issued on January 30, 1990;

U.S. Patent No. 5,349,635 to SCOTT, entitled "Half-Duplex or Full-Duplex Automode Operation for Use in Data Communications Equipment", which issued on September 20, 1994; and

*Wegman said no PTO 1464 was sent  
cited earlier these were*



P18062.A08

U.S. Patent No. 5,682,419 to GRUBE et al., entitled "Method and Apparatus for Providing Infrastructure Call Support", which issued on October 28, 1997.

Applicant notes that the above-listed documents were previously cited in Supplemental Information Disclosure Statements filed on July 27, 2000 and February 15, 2001 in the instant application. Therefore, a copy of each above-cited document is not enclosed herewith. However, a copy of the Australian Written Opinion is enclosed herewith for the review of the Examiner, and to complete the record.

Should there be any questions, the Examiner is invited to contact the undersigned at the below-listed number.

Respectfully submitted,  
Stephen PALM

---

Bruce H. Bernstein  
Reg. No. 29,027

September 10, 2001  
GREENBLUM & BERNSTEIN, P.L.C.  
1941 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191

GREENBLUM & BERNSTEIN, P.L.L.C.  
Intellectual Property Counsel  
1941 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191

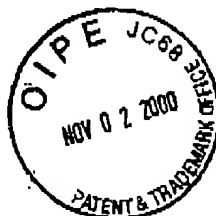
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11/02/2000

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The Patent Office Date stamp hereon is an acknowledgement that, on the date indicated, the Patent Office received the following:

- |                                                                                                        |                                                                            |
|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| <input type="checkbox"/> Amendment _____                                                               | <input type="checkbox"/> Claim of Priority & Certified Copy of _____       |
| <input type="checkbox"/> Executed Assignment and cover letter<br><input type="checkbox"/> by facsimile |                                                                            |
| <input type="checkbox"/> Executed S.E.S. <input type="checkbox"/> S.E.S. Assertion                     | <input type="checkbox"/> Declaration <input type="checkbox"/> Supplemental |
| <input type="checkbox"/> Req. for Ext. of Time                                                         | <input type="checkbox"/> New <input type="checkbox"/> Unexecuted           |
| <input type="checkbox"/> Fee Filing <input type="checkbox"/>                                           | <input type="checkbox"/> Executed by facsimile                             |
| Recording <input type="checkbox"/>                                                                     |                                                                            |
| Issue <input type="checkbox"/>                                                                         | <input type="checkbox"/> Transmittal Letter                                |
| Extension <input type="checkbox"/>                                                                     | <input type="checkbox"/> Patent Application                                |
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| <input type="checkbox"/> Fee Transmittal                                                               | <input type="checkbox"/> Reissue <input type="checkbox"/> Design           |
| <input type="checkbox"/> Maintenance Fee Payment                                                       | <input type="checkbox"/> Continuation <input type="checkbox"/> CIP         |
| <input type="checkbox"/> PTOL-85B Issue Fee                                                            | _____ pages (w/abstract)                                                   |
| <input type="checkbox"/> Letter to Draftsman (in trip.)                                                | _____ claims _____ independent                                             |
| <input type="checkbox"/> Design Patent Application Transmittal                                         | _____ sheets of drawings                                                   |
| <input type="checkbox"/> Utility Patent Application Transmittal                                        | <sup>Supp</sup> _____ figures                                              |
| <input type="checkbox"/> Provisional Application Cover Sheet                                           | <input checked="" type="checkbox"/> I.O.S. form PTO-1449 &                 |
| <input type="checkbox"/> Continued Prosecution Application                                             | References <input type="checkbox"/> as attached                            |
| (CPA) Request Transmittal                                                                              | <input checked="" type="checkbox"/> as listed on reverse                   |
| <input type="checkbox"/> Request for Continued Examination (RCE)<br>including Submission               | <input type="checkbox"/> One self-addressed postcard                       |
| <input type="checkbox"/> Cover Letter                                                                  | <input type="checkbox"/> Certification under 1.97(e)                       |
| <input type="checkbox"/> Check No. _____ for \$ _____                                                  | <input type="checkbox"/> Certificate of Mailing (C-O-M)                    |
| <input type="checkbox"/> Rule 53b and 53f Letter for<br>Unexecuted Application                         | <input type="checkbox"/> Returned Envelope                                 |



(A) Int'l Search Report (1/20)

In the matter of : ACTIVATION OF MULTIPLE XDSL MODEMS WITH HALF AND A FULL  
DUPLIX PROCEDURES

Applicant : Stephen PALM

Application No. : 09/473,683

Filed : 12/29/1999

Patent No. :

Issued :

Docket : P18062 SW

JUL. 9. 2003 1:23PM

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P18062.A05



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Stephen Palm

Group Art Unit: 2739

Appl. No. : 09/473,683

Examiner

Filed : December 29, 1999

For : ACTIVATION OF MULTIPLE xDSL MODEMS WITH HALF DUPLEX  
AND FULL DUPLEX PROCEDURES

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under C.F.R. §1.56, §1.97-1.98, Applicant hereby calls the following document to the Examiner's attention:

A copy of an International Search Report mailed on August 2, 2000 with respect to related PCT Application No. PCT US00/08227 is enclosed, in which the following documents are cited:

U.S. Patent No. 5,463,382 to NIKAS et al., entitled "Method and Apparatus for Controlling Message Transmission in an Acknowledge-Back Selective Call Communication System", which issued on October 31, 1995. Applicant notes that this document was cited as a "Y" category document (indicating a document of particular relevance if combined with another document of the same category), with respect to claims 1-30 of the PCT application. The International Examiner indicated that column 1, lines 45-67; column 7, lines 5-22; and column 11, lines 11-30 are relevant; and

U.S. Patent No. 5,377,188 to SEKI, entitled "Communication System Capable of Detecting Missed Messages", which issued on December 27, 1994. Applicant notes that this document was cited as a "Y" category document with respect to claims 1-30 of the PCT application. The International Examiner indicated that the Abstract; and column 2, lines 23-53 are relevant.

P18062.A05



A copy of an International Search Report mailed on August 28, 2000 with respect to related PCT Application No. PCT US00/40019 is enclosed, in which the following documents are cited:

U.S. Patent No. 5,321,722 to OGAWA, entitled "Multipoint Connected Communication System Having Function of Retraining Modems Provided Therein and Method of Retraining the Modems", which issued on June 14, 1994. Applicant notes that this document was cited as a "X" category document (indicating a document of particular relevance), with respect to claims 1-46 and 48 of the PCT application. The International Examiner indicated that column 4, line 51 to column 5, line 11 is relevant;

U.S. Patent No. 5,912,921 to WARREN et al., entitled "Concurrent Multiple Data Rate Communications in a Wireless Local Area Network", which issued on June 15, 1999. Applicant notes that this document was cited as an "A" category document (indicating the state of the art) and as a "P" category document (indicating a document published prior to the international filing date of the PCT application, but later than the claimed priority date), with respect to claims 1-48 of the PCT application. The International Examiner indicated that column 2, line 60 to column 3, line 18 is relevant; and

U.S. Patent No. 6,064,693 to OLIVER et al., entitled "System and Method for Handling Underrun of Compressed Speech Frames Due to Unsynchronized Receive and Transmit Clock Rates", which issued on May 16, 2000. Applicant notes that this document was cited as an "A" category document and as an "E" category document (indicating earlier document published on or after the International filing date), with respect to claims 1-48 of the PCT application. The International Examiner indicated that column 4, lines 17-63 is relevant.

A copy of each above-cited document is enclosed herewith for the review of the Examiner, and as provided in M.P.E.P. §609. Further, the documents are listed on the attached PTO-1449 Form. The Examiner is respectfully requested to consider each cited document and to indicate such



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P18062.A05

consideration by appropriately initialing the enclosed PTO-1449 Form and returning a copy of the initialed form with the next communication.

The undersigned hereby certifies that each item of information contained in this Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a related foreign application not more than three months prior to the filing of this statement. Thus, no fee is required to be paid in order to ensure consideration of the submitted materials.

Should there be any questions, the Examiner is invited to contact the undersigned at the below-listed number.

Respectfully submitted,  
Stephen PALM

---

Bruce H. Bernstein  
Reg. No. 29,027

November 2, 2000  
GREENBLUM & BERNSTEIN, P.L.C.  
1941 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191